## In the Claims:

Please delete claims 1-28 and substitute new claims 29 through 56 as follows:

## In the Claims:

--29.(New) A device for stabilizing or controlling the lowering or raising of a structure between the surface and the bed of the sea, said device including at least one connection element of the cable or chain type, having:

a first end that is connected to a winch on board a floating support or surface ship, and on which winch it is wound; and

a second end that is connected to a fastener element on said structure, or on at least a first buoyancy element that is connected to said structure; and

the length of said connection element is such that said winch is capable of winding or unwinding said first end of said connection element, so that a bottom portion of said connection element can hang beneath said fastener element.

30. (New) A device according to claim 29, including at least two of said connection elements, said fastener elements preferably being disposed symmetrically, respectively around and on the periphery of said structure.

31.(New) A device according to claim 29, wherein said connection element is constituted by a cable having a bottom portion that comprises weighting blocks disposed in a string on a said cable, said weighting blocks preferably being metal blocks secured to said cable by clamping.

32.(New) A device according to claim 31, wherein said blocks present a shape such that when said bottom portion hanging beneath said fastener elements curves, two of said blocks disposed

side by side are capable of coming into abutment against each other, thereby limiting the curvature of said cable.

33.(New) A device according to claim 32, wherein the curvature of said cable is limited so that the minimum radius of curvature  $(R_0)$  of said cables at said bottom portion enables a minimum distance  $(2R_0)$  to be maintained between said cable and said structure that is sufficient to prevent any mechanical contact between them while said structure is being lowered or raised.

34.(New) A device according to claim 31, wherein each of said blocks present a cylindrical central portion between two frustoconical ends having axes that correspond to the direction of said cable when said cable is disposed linearly, two adjacent blocks being in contact at said frustoconical ends along a generator line of said frustoconical ends in the curved parts of said bottom portion.

35.(New) A device according to claim 29, wherein said connection element comprises a chain having a bottom portion that comprises links that are heavier than the links of the rest of the chain, and that are preferably larger so as to limit any curvature of the chain.

36.(New) A device according to claim 29, wherein said first buoyancy elements are disposed above said structure.

37.(New) A device according to claim 29, wherein said structure includes second buoyancy elements, preferably integrated in the top of said structure, and more preferably integrated above

said fastener element(s) so that the center of gravity of said structure together with said first buoyancy elements is situated below the center of thrust that is exerted both on said structure and on said first buoyancy elements.

38.(New) A method of lowering, raising, or stabilizing a structure between the surface and the bed of the sea by means of a device according to claim 29, said method comprising the following steps: unwinding or winding each connection element at its first end by means of a said winch; and controlling the speed at which each connection element is lowered or raised by regulating the speed at which each connection element is respectively wound off or on said winch, so as to adjust the length of said bottom portion of said connection element hanging beneath said fastener element, the lowering, raising, or stabilizing of said structure being obtained when the sum of the weight of the fraction of said bottom portion(s) of the connection element(s) between firstly said fastener point(s) for fastening to said fastener element(s) and secondly the lowest point of said bottom portion(s), plus the weight of said structure as a whole and of said first buoyancy element(s), is respectively greater than, less than, or equal to the buoyancy thrust that is exerted on said structure and on said first buoyancy element(s).

39.(New) A method according to claim 38, wherein said structure is a rigid structure of steel, other metal, or composite synthetic material containing at least one and preferably a plurality of buoyancy compartments that are suitable for being filled with a fluid that is lighter than water, and each being fitted with at least one filling orifice and preferably with at least one emptying orifice, said compartments preferably being distributed symmetrically in said structure.

40.(New) A method according to claim 38, wherein said structure is a massive structure constituted by an open-based receptacle in the form of a cap, the receptacle comprising a peripheral side wall surmounted by a roof wall and being suitable for completely covering a wreck of a ship on the sea bed in order to recover polluting effluent escaping therefrom, said receptacle having at least one emptying orifice for discharging said effluent contained in the inside volume of said receptacle; said emptying orifice preferably being situated in the roof of the receptacle.

41.(New) A method according to claim 39, wherein said receptacle is constituted as an upside-down double-walled ship hull comprising a rigid structure of steel, other metal, or composite synthetic material, said leaktight compartments being defined by spaces between said double walls and by structural elements interconnecting the double walls.

42.(New) A method according to claim 40, wherein the rigid structure of the walls constituting said receptacle is constituted by steel or metal beams assembled to one another and having leaktight compartments incorporated between them, said structure being covered on at least one face, preferably the outer face, by leakproof diaphragms or webs fixed to said rigid structure in leaktight manner, said leaktight compartments being constituted by a self-contained closed casing incorporated inside said structure and secured thereto.

43.(New) A method according to claim 39, wherein the rigid structure of the walls of the receptacle is made of concrete, preferably concrete lightened by clay beads, within which concrete hollow volumes are provided for defining said leaktight compartments.

44.(New) A method according to claim 39, wherein said receptacle presents a vertical and longitudinal axial plane of symmetry XOZ, and comprises:

a roof wall comprising two longitudinally extending side walls that are inclined relative to said vertical axial plane of symmetry of said receptacle so as to form an upside-down V-shape in cross-section YOZ; and

a side wall comprising:

two longitudinally extending side walls that are vertical or inclined relative to said vertical axial plane of symmetry, each being contiguous with one of said longitudinally extending roof walls; and

two transverse end walls that are vertical or inclined, preferably symmetrically about a vertical transverse plane of symmetry.

45.(New) A method according to claim 39, wherein said receptacle has posts, at least some of which are preferably retractable, said posts being suitable for supporting said receptacle in quasi-isostatic manner when it is standing on the sea bed via said posts, the posts being deployed where necessary, and with the open base of said receptacle preferably being in a substantially horizontal position.

46.(New) A method according to claim 38, wherein said structure is fitted on the outside:

with fastener elements enabling cables or chains to be secured thereto for lowering said structure from the surface, and for putting it into place, and, where appropriate, anchoring it to the sea bed; and preferably with thrusters, more preferably steerable thrusters enabling said structure to be moved in a horizontal direction in order to be positioned over said wreck.

47.(New) A method according to claim 38, comprising the following steps:

- 1) filling said leaktight compartments completely or partially with a fluid, preferably a fluid that is lighter than sea water, with the extent to which said leaktight compartments are filled being adjusted so as to cause said structure to occupy an equilibrium position when immersed close to the surface;
- 2) lowering said structure to the desired position by means of a device according to claim 1 for controlling lowering, so as to regulate the speed at which the receptacle is lowered, and so as to provide equilibrium to the open base of said substantially horizontal structure while it is being lowered; and
- 3) once said structure is in place at the desired depth, emptying said leaktight compartments filled with fluid lighter than sea water, and simultaneously filling said leaktight compartments with sea water.

48.(New) A method according to claim 47, wherein,

in step 1), additional buoyancy is provided to said structure by means of said first buoyancy elements consisting of additional floats connected to said receptacle; and

in step 3), once said structure is in the desired position, said additional floats are detached.

49.(New) A method according to claim 47, wherein, after step 1) and before step 2), once said structure has reached the desired position, the lengths of said heavy cables (or chains) hanging beneath said fastening elements and supported by said structure are reduced so as to stabilize said structure in suspension, and

where appropriate, said structure is anchored to the sea bed, and then said heavy cables (or chains) are fully lowered so that their entire weight contributes to stabilizing said structure.

50.(New) A method according to claim 47, wherein said structure is a said receptacle and includes posts, at least some of which are preferably retractable, and said retractable posts, if any, are deployed, in such a manner that said receptacle rests on the sea bed on each of said posts in quasi-isostatic manner, and preferably with the open base of said receptacle in a substantially horizontal position.

51.(New) A method according to claim 47, wherein the receptacle is positioned on the axis above the wreck by actuating thrusters mounted outside the receptacle and preferably distributed symmetrically about its periphery.

52.(New) A method according to claim 47, wherein the fluid lighter than sea water filling said leaktight compartment is gas oil, oil, fresh water, or a liquefied gas that is lighter than sea water such as propane, butane, or ammonia.

53.(New) A method according to claim 52, wherein,

in step 1), said leaktight compartments are filled with a first fluid that is lighter than sea water; and

in step 2), said structure is lowered to a depth of 30 m to 60 m corresponding to a pressure of 3 bars to 6 bars, at which depth a liquefied gas that is lighter than sea water is injected under pressure into said leaktight compartments from a gas tanker ship on the surface.

54.(New) A method according to claim 47, wherein said structure is a said receptacle, and a fraction of the inside volume of said receptacle defined on top by the roof of said receptacle and at the bottom by a diaphragm or web tensioned between said side walls of said receptacle is filled with a fluid that is lighter than sea water, preferably with fresh water, so as to create additional buoyancy while the receptacle is being towed at the surface and/or while the receptacle is being lowered to the sea bed; and

once said receptacle is close to the sea bed, said diaphragm or web is removed and said receptacle is placed on the sea bed over the wreck, preferably via said posts, after they have been deployed, where appropriate, and said fluid that is lighter than sea water is removed from the inside of said receptacle via said top emptying orifice while said receptacle is close to the sea bed.

- 55.(New) A method of recovering polluting effluent that is lighter than sea water, as contained in the tanks of a shipwreck lying on the sea bed, in which method:
  - 1) a said receptacle is put into place in accordance with the method of claim 47; and
- 2) the effluent recovered inside said receptacle is collected by being emptied out through said top emptying orifice.

56.(New) A method according to claim 55, comprising, in step 2), the following steps:

lowering an empty said shuttle tank;

positioning said shuttle tank over said receptacle in such a manner that its open bottom orifice is just above said emptying orifice of said receptacle;

preferably securing said shuttle tank to said receptacle;

emptying the effluent contained in said shuttle tank; and

once full, detaching said tank from said receptacle, and raising said tank full of effluent to the surface.--